

ABSTRACT

A primary winding (N1) of a transformer (T) connects in series to a first switching element (Q1), and a secondary winding (N2) is provided with a rectifier circuit (2) and an output voltage control circuit (3) for detecting an output voltage and feeding it back to a control circuit (4). The control circuit (4) is provided with an on-period control circuit (6) for turning off the first switching element (Q1) in an on-state based on a feedback signal from the output voltage control circuit (3) and an off-period control circuit (5) for controlling an off-period thereof by delaying turn-on of the first switching element (Q1) based on the feedback signal.